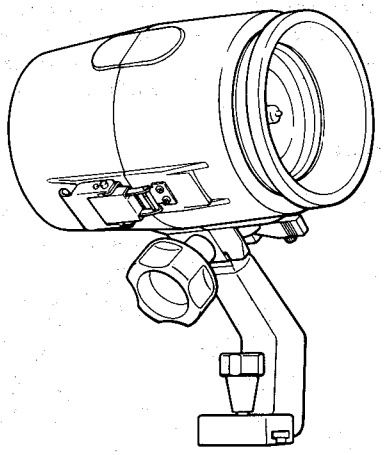
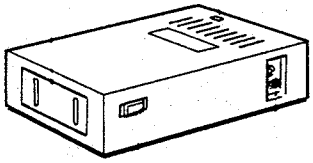
HVL-80DA
BCA-3000

SERVICE MANUAL

AEP Model
US Model



HVL-80DA



BCA-3000

This manual only contains the difference between HVL-80D and HVL-80DA.
Please refer to the HVL-80D service manual.

SPECIFICATIONS

Material	Front and rear casings: ABS Front glass: glass Arm: Aluminium casting
Waterproof facility	O-ring, 2 buckles
Usable depth	Up to 75 meters (246 feet)
Power requirements	6 V DC, using the NP-3600 rechargeable battery pack
Bulb	Halogen lamp (1) (45 W for USA and 50 W for other countries)
Continuous lighting time	Approx. 30 minutes, using the fully charged battery
Color temperature	3300°K
Life of bulb	Approx. 100 hours (average)
Dimensions	
Weight	Approx. 2.6 kg (5 lb 12 oz) incl. the arm and battery pack
Accessories supplied	Spare halogen lamp (1) (stored in the front casing) BCA-3000 battery charge adaptor (1) ACP-88 AC pack (1) NP-3000 rechargeable battery pack (1) Spare O-ring (1) Grease (1)

Optional accessory
Rechargeable battery pack NP-3000 (for spare)

Design and specifications subject to change without notice.

ACCESSORIES & PACKING MATERIALS
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Part No.	Description	Remark
2-115-921-01	GREASE	
2-115-924-71	RING, O	
*2-180-115-01	INDIVIDUAL CARTON	
*2-180-151-01	CUSHION (UPPER)	
*2-180-152-01	CUSHION (LOWER)	
3-750-129-11	MANUAL, INSTRUCTION (AEP/US Model) (ENGLISH, FRENCH, SPANISH)	
3-750-129-41	MANUAL, INSTRUCTION (AEP Model) (GERMAN, NETHERLANDISH, SWEDISH, ITALIAN)	
3-750-129-51	MANUAL, INSTRUCTION (AEP Model) (ARABIC)	
3-765-386-11	MANUAL, INSTRUCTION (NP-3000)	

MICROFILM

UNDERWATER VIDEO LIGHT

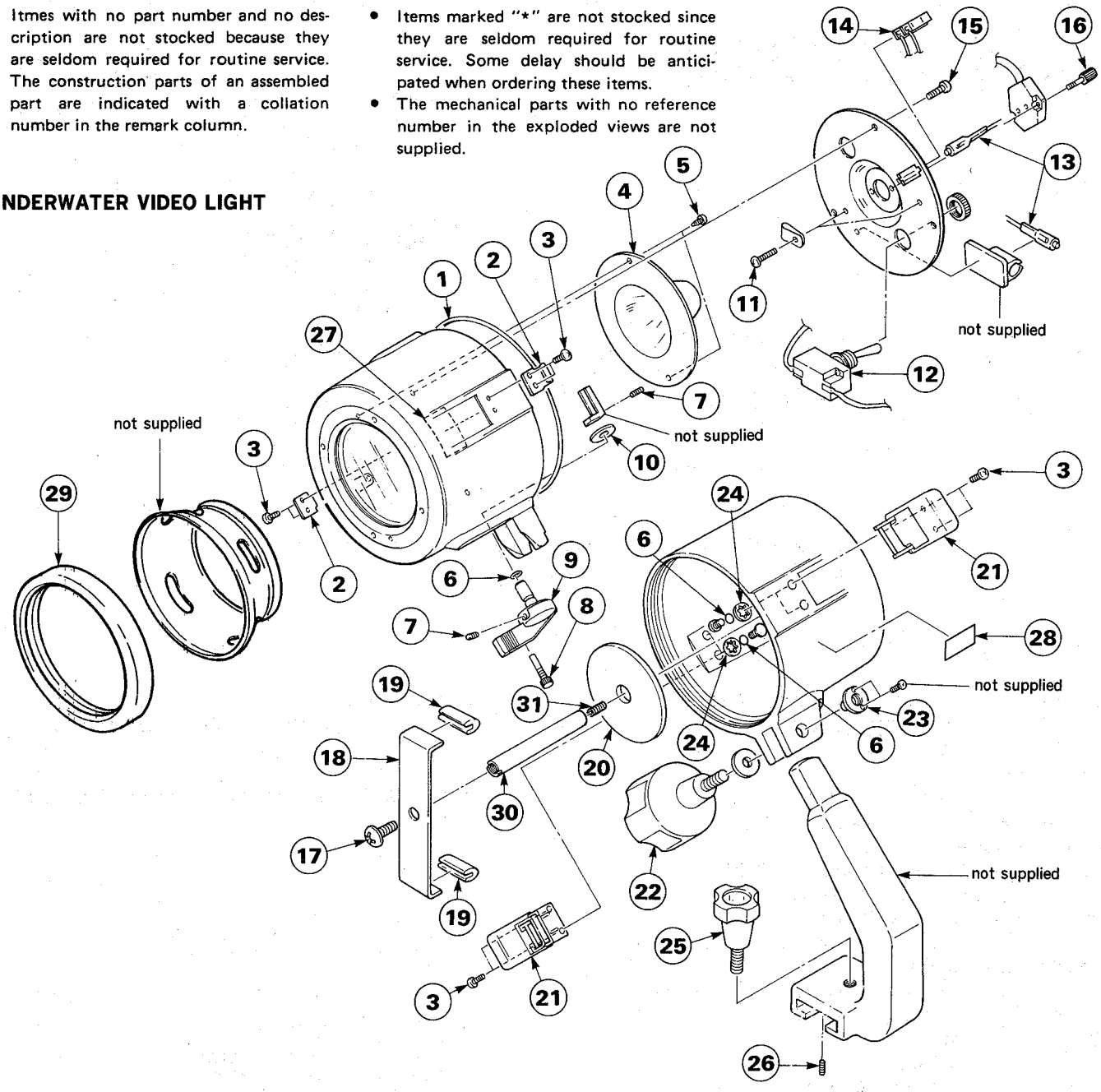
SONY®

EXPLODED VIEWS

NOTE:

- Itmes with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.

UNDERWATER VIDEO LIGHT



Ref.No	Part No.	Description	Remark
1	2-115-924-71	O-RING	
2	2-115-906-01	RETAINER, BUCKLE	
3	2-115-926-01	SCREW, +P M3.5X6	
4	*2-398-005-01	MIRROR	
5	2-398-048-01	SCREW, +PTP2.6X5	
6	2-115-924-41	O-RING	
7	2-398-051-01	SCREW (M4X4), HEXAGON SOCKET	
8	*2-398-009-01	SCREW, STOPPER	
9	2-398-024-01	KNOB, SWITCH	
10	*2-398-045-01	WASHER	
11	2-398-049-01	SCREW, +P M4X8	
12	1-570-718-11	SWITCH, TOGGLE	
13	1-518-599-11	LAMP, HALOGEN	
14	1-561-530-00	CONNECTOR (DC POWER)	
15	2-115-927-11	SCREW (2) (M4X12), TAPPING	
16	2-398-007-01	SCREW, LAMP SOCKET FIXED	
17	2-398-050-01	SCREW, +M8X15	
18	*2-398-012-01	RETAINER, BATTERY	
19	2-398-013-01	EDGING, RUBBER	
20	2-398-011-01	CUSHION, BATTERY	
21	2-390-778-00	BUCKLE	
22	A-6767-185-A	KNOB BLOCK ASSY, FASTENING	
23	*2-398-047-01	NUT, ARM FIXED	
24	2-115-925-01	SCREW (2) (M2X5), TAPPING	
25	2-398-015-01	BOLT, ARM FIXED	
26	2-398-051-11	SCREW (M4X8), HEXAGON SOCKET	
27	*2-180-146-01	LABEL, MODEL NUMBER (US MODEL)	
	*2-180-113-01	LABEL, MODEL NUMBER (AEP MODEL)	
28	*2-398-061-01	LABEL, DANGER	
29	*2-398-078-01	PROTECTOR, RING	
30	*2-398-010-01	SHAFT, BATTERY FIXED	
31	2-398-084-01	SCREW (M5X20), HEXAGON SOCKET	

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